FM Satellite Table By KH2XX Updated 29SEP2025

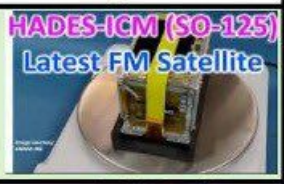
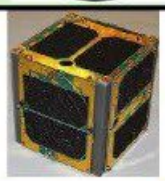
Satellites Voice FM	CH	TX Uplink	CTSS	RX Downlink	Note
ISS Crossband Repeater http://www.amsat.org/status		145.990	67.0	437.810	AOS
			67.0	437.805	1/4
			67.0	**437.800**	**MID**
			67.0	437.795	3/4
			67.0	437.790	LOS
SO-50 **SaudiSat 1-C** (Saudi-OSCAR 50)		145.850	74.0	N/A	Open
		145.850	67.0	436.805	AOS
			67.0	436.800	1/4
			67.0	**436.795**	**MID**
			67.0	436.790	3/4
			67.0	436.785	LOS
SO-124 **HADES-R** (Spain-OSCAR 124)		145.925	N/A	436.895	AOS
			N/A	436.890	1/4
			N/A	**436.885**	**MID**
			N/A	436.880	3/4
			N/A	436.875	LOS
IO-86 **LAPAN-A2** (Indonesia-OSCAR 86)		145.880	88.5	435.890	AOS
			88.5	435.885	1/4
			88.5	**435.880**	**MID**
			88.5	435.875	3/4
			88.5	435.870	LOS
SO-125 **HADES-ICM** (Spain-OSCAR 125) Active full time as of 28SEP2025 		145.875	N/A	436.676	AOS
			N/A	436.671	1/4
			N/A	**436.666**	**MID**
			N/A	436.661	3/4
			N/A	436.656	LOS
AO-123 **ASRTU-1** Full time activation of FM Voice Repeater 24SEP2025		145.850	67.0	435.410	AOS
			67.0	435.405	1/4
			67.0	**435.400**	**MID**
			67.0	435.395	3/4
			67.0	435.390	LOS
PO-101 **DIWATA-2** (Philippines-OSCAR 101)		437.490	141.3	145.900	AOS
		437.495	141.3		1/4
		437.500	**141.3**		**MID**
		437.505	141.3		3/4
		437.510	141.3		LOS
AO-91 **FOX-1B** (OSCAR 91/AO-91/RADFxSAT) Do not use in eclipse (Nighttime) 		435.240	67.0	145.960	AOS
		435.245	67.0		1/4
		435.250	**67.0**		**MID**
		435.255	67.0		3/4
		435.260	67.0		LOS
TEVEL 2-3/2-5 Objects K and E (All TEVEL has same Uplink and Downlink)		145.970	N/A	436.410	AOS
			N/A	436.405	1/4
			N/A	**436.400**	**MID**
			N/A	436.395	3/4
			N/A	436.390	LOS

Tabela de Satélites FM - by PS8ET

Satélites (Voice FM - LEO over Brazil)	CH	TX Uplink	Sub-ton CTCSS	RX Downlink
SO-50 Saudi-OSCAR 50 (SaudiSat 1-C) @1C_SO50	0	145.850	74.4	Ativar
	1	145.850	67.0	436.805
	2	145.850	67.0	436.800
	3	145.850	67.0	436.795
	4	145.850	67.0	436.790
	5	145.850	67.0	436.785
AO-91 AMSAT-OSCAR 91 (RadFxSat/Fox-1B) OPERANDO NA PRESENÇA DE LUZ https://www.amsat.org/status/	6	435.240	67.0	145.960,5
	7	435.245	67.0	145.960,5
	8	435.250	67.0	145.960
	9	435.255	67.0	145.960
	10	435.260	67.0	145.960
IO-86 Indonesina-OSCAR 86 (LAPAN-ORARI) LIGADO PARA O BRASIL (Ver no Twitter) @LAPAN_RI	11	145.880	88.5	435.890
	12	145.880	88.5	435.885
	13	145.880	88.5	435.880
	14	145.880	88.5	435.875
	15	145.880	88.5	435.870
CAS-3H (LilacSat-2) RARAMENTE LIGADO https://www.amsat.org/status/	16	144.350	-----	437.210
	17	144.350	-----	437.205
	18	144.350	-----	437.200
	19	144.350	-----	437.195
	20	144.350	-----	437.190
PO-101 Phillipines-OSCAR 101 (DIWATA-2) AGENDAMENTO @Diwata2PH	21	437.490	141,3	145.900,5
	22	437.495	141,3	145.900,5
	23	437.500	141,3	145.900
	24	437.505	141,3	145.900
	25	437.510	141,3	145.900
ISS **Crossband Repeater** https://www.amsat.org/status/	26	145.990	67.0	437.810
	27	145.990	67.0	437.805
	28	145.990	67.0	437.800
	29	145.990	67.0	437.795
	30	145.990	67.0	437.790
UVSQ-Sat USVQ-LATMOS AGENDAMENTO @uvsqsat	31	145.905	------	437.030
	32	145.905	------	437.025
	33	145.905	-----	437.020
	34	145.905	------	437.015
	35	145.905	------	437.010
FO-118 (CAS-5A - 6U Form Factor) 3 Transponders on board	36	145.925	------	435.610
	37	145.925	------	435.605
	38	145.925	-----	435.600
	39	145.925	------	435.595
	40	145.925	------	435.590
TEVEL Tevel - 2, 3, 4, 5, 6, 7 AGENDAMENTO	41	145.970	------	436.410
	42	145.970	------	436.405
	43	145.970	-----	436.400
	44	145.970	------	436.395
	45	145.970	------	436.390

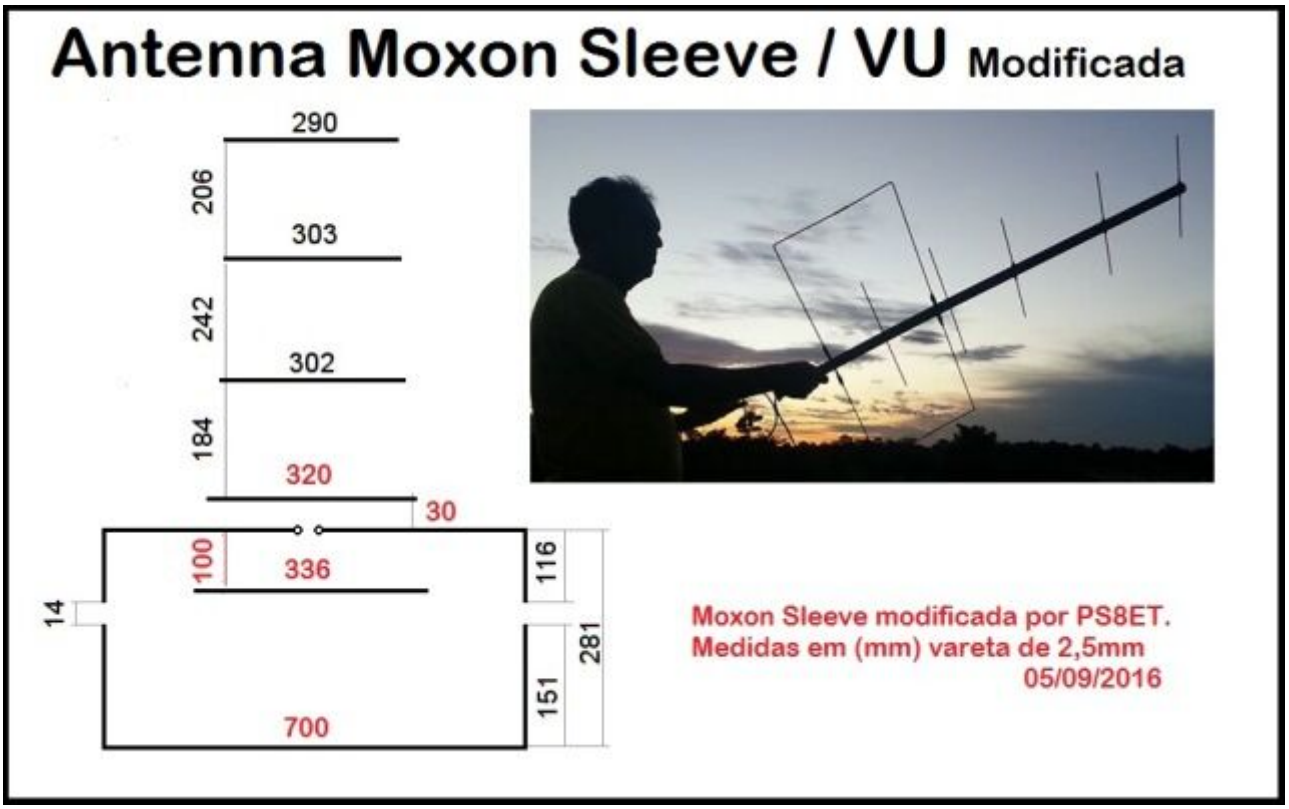
Verifique atividades dos satelites no site https://www.amsat.org/status/

Photos WEB - 20/02/2024

Tabela de Satelites SSB/CW - by PS8ET

Satelites	Frequencias de Up e Down			
HO-107 (HuskySat Oscar 107)	Uplink	LSB	145.940	145.910
	Downlink	USB	435.800	435.850
RS-44 (DOSAAF-85)	Uplink	LSB	145.935	145.995
	Downlink	USB	435.670	435.610
QO-100 (Es'hailsat-2)	Uplink RHCP	USB	2.400.000	2.400.350
	Downlink linear V	USB	10.489.500	10.489.850
EO-88 (NAYIF-1)	Uplink	LSB	435.045	435.015
	Downlink	USB	145.950	145.990
CAS-4A (ZHUHAI-1 01)	Uplink	LSB	435.230	435.210
	Downlink	USB	145.830	145.880
CAS-4B (ZHUHAI-1 02)	Uplink	LSB	435.290	435.270
	Downlink	USB	145.885	145.935
XW-2A (CAS-3A)	Uplink	LSB	435.030	435.050
	Downlink	USB	145.685	145.665
XW-2B (CAS-3B)	Uplink	LSB	435.090	435.110
	Downlink	USB	145.750	145.730
XW-2C (CAS-3C)	Uplink	LSB	435.150	435.170
	Downlink	USB	145.815	145.795
XW-2F (CAS3-F)	Uplink	LSB	435.330	435.350
	Downlink	USB	146.000	145.980
AO-73 (FUNCLUBE-1)	Uplink	LSB	435.150	435.130
	Downlink	USB	145.940	145.970
FO-29 (Fuji-OSCAR-29/JAS 2)	Uplink	LSB	146.000	145.900
	Downlink	USB	435.800	435.900
AO-7 (AMSAT-OSCAR 7) Mode A	Uplink	USB	145.850	145.950
	Downlink (HF)	USB	29.400	29.500
AO-7 (AMSAT-OSCAR 7) Mode B	Uplink	LSB	432.170	432.120
	Downlink	USB	145.920	145.970

Antenna Moxon Sleeve / VU Modificada



Moxon Sleeve modificada por PS8ET.
Medidas em (mm) vareta de 2,5mm
05/09/2016